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20-MAR-2000

1. R!!
2. 0320!!
3. 00!!
4. GPO391127!!
5. 84056-5805!!
6. J!!
7. Directorate Of Contracting/Bld 1233, Oo-Alc 6072 Fir Avenue, Hill Air Force base, Ut 84056-5820!!
8. J --MANUFACTURE/DELIVERY POWER SUPPLY!!
9. F42620-00-R-AAAAL!!
10. N/A!!
11. Mary Lynne Adams/Lgke/[801]777-6268, For additional information contact Mary Lynne Adams/Lgke/[801]777-6268!!
12. N/A!!
13. N/A!!
14. N/A!!
15. N/A!!
16. N/A!!
17. This announcement constitutes a Sources Sought Synopsis. The following information is provided to assist the Air Force in conducting a Market Research of Industry to determine potential contractors who have the skills, experience and knowledge required to successfully complete this effort. This is not a Request for Proposal or Invitation for Bid. The F-16 Support Division, Core Avionics Section, has a requirement for the manufacture and delivery of a power supply to replace the power supply (NSN 6130-01-234-8700, PN 8002287-930) in the F-16 block 30 Multifunction Display Set (MFDS), Programmable Display Generator (PDG). The PDG power supply receives 3 phase 400 Hertz (Hz) power. This power is rectified and filtered to provide 280 volts across the primary windings of a transformer. Oscillator and control circuits control the flow of current through the primary windings by switching a field-effect transistor (FET). When turned on, the FET provides a ground for the 280 vdc across the primary windings. Positive and negative dc voltages are tapped from the secondary windings. Voltage feedback from a secondary winding provides load regulation, while a current sensing resistor in the primary winding circuit provides over current protection. The transformer secondary windings provide various dc voltages from +82 vdc to -82 vdc for PDG and MFD use. The Air Force would like to replace this power supply with a new design, under the Falcon Flex Program (Form, Fit and Function Interface Requirement), that will be compatible with existing software and hardware interfaces, will be more reliable, and more economical to purchase. The anticipated quantity is 1500 each. Interested parties are requested to submit two copies of a summary of the capabilities and facilities they have which will allow them to develop and manufacture a new power supply. The Government does not intend to contract on the basis of this request or otherwise pay for the information solicited. Written responses must be submitted by 20 APR 2000 to OO-ALC/LGKE, ATTN: Mary Lynne Adams, 6072 Fir Ave, Hill AFB, UT 84056-5820. No telephone or FAX requests will be accepted. Electronic procedure will be used for this solicitation. See our Web page.

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18. <http://www.eps.gov>!!
  19. Click here to obtain/view solicitation.!!
  20. [Mary.Adams@hill.Af.Mil](mailto:Mary.Adams@hill.Af.Mil)!!
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- SYN NR: 00-AAAAL